Lenovo® ThinkPad W700

Lenovo ThinkPad W700 with
ThinkPad W700 Mini Dock
43R8782

ThinkPad 170W AC Adapter
41R4421

W700 Series Li-Ion Battery 9-cell
45J7914

Lenovo ThinkPad W700

Lenovo ThinkPad W700

ThinkPad® W700 2758 (TopSeller)

	Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8] rpm	RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Color calib	Digitizer	Workhorse (W) Global (G)	Avail date
✂	2758-28U	T9400	2.53	1GB	17" WXGA+	Cam	1GB	2x160G 7200	0	DVD±RW	✣Intel 5300[28]		Smart	Yes	X-Rite	Wacom	No	Sep 08
	2758-4SU	T9600	2.80	*4GB*	17" WUXGA	Cam	512MB	2x160G 7200		DVD±RW	✣Intel 5300	2G Turbo	Smart	Yes	X-Rite		No	Sep 08
	2758-29U	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x250G 5400	1	DVD±RW	✣Intel 5300		Smart	Yes	X-Rite	Wacom	No	Sep 08
☞	2758-MPU	Q9000	2.00	*4GB*	17" WUXGA	Cam	512MB	1x80G SSD		DVD±RW	✣Intel 5300		/54	Yes			No	Jun 09

- ***These small and medium business (SMB) models are part of the US TopSeller™ Program***
- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***
- ***Select models include digitizer on palm rest and dual-link DVI-D and DisplayPort ports***

Positioning	*Mobile workstation; three spindles*
Processor	**Intel® Core™ 2 processor Q9000** with **quad-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache or **Intel Core 2 Duo processor T9400** or **T9600** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache or **Intel Core 2 Extreme processor X9100** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache
Memory	**1GB** or **4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9149)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disks	*Some:* One disk, **80GB**[8] Solid State Drive (SSD) / SATA 3.0Gb/s, 1.8" wide, 8mm high *Some:* Two disks, **160GB** (7200 rpm) or **250GB** (5400 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, Active Protection System™ *All:* removable, upgradable, supports three disks max, Shock Mounted Hard Drive
Widescreen display	*Some:* **17.0"** (431.8mm) **WXGA+ (1440x900) color**, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio, 45% color gamut *Some:* **17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	*Some:* huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	*Some:* **NVIDIA® Quadro® FX2700M**, PCI Express® x16, **512MB** memory *Some:* **NVIDIA Quadro FX3700M**, PCI Express x16, **1GB** memory *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	*Some:* Wacom® digitizer (128x80mm) on palm rest, digitizer pen, pen holder in right side
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	*Some:* [/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	None
Smart Card Read	*Some:* Smart Card Reader
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	*Some:* Intel Turbo Memory, Mini PCIe adapter, 2GB flash, disk-cache accelerator
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip

Limited warranty[12] **3-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

2GB PC3-8500 DDR3 L-H SODIMM	55Y3707	W700 Series Li-Ion Battery 9-cell	45J7914
4GB PC3-8500 DDR3 L-H SODIMM	55Y3708	ThinkPad 170W AC Adapter	41R4421
320GB Disk SATA 1.5Gb/s (7200 rpm)	43N3411	ThinkPad 17W Business Topload Case	43R9117
ThinkPad W700 Mini Dock	43R8782	ThinkVision® USB Soundbar (up to 22")	40Y7616
Other accessories on O-W700 sheet		Other accessories at lenovo.com/accessories	

Preloaded operating system[20]
- Genuine Windows® Vista® Business 64

✧Vista Premium logo

Preloaded applications[14]
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)
- PC-Doctor™ (diagnostics)
- ThinkPad Utilities (Power Manager and Presentation Director)
- Adobe® Reader
- Windows Live™ Toolbar
- Windows Live Search
- Microsoft® Office 2007 Trial (60-day)
- Roxio® Creator® Business Edition
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW)
- huey™ PRO Monitor Color Correction by Pantone®/X-Rite® (color calibration models)

ISV software certifications

Supports ThinkVantage® technologies

ThinkPad W700 Mini Dock

Provides desktop expansion and cable management for W700 Series

Features:
- Security key lock
- Security cable lock slot
- External monitor ports
  - Analog VGA DB-15
  - Dual-link DVI-D
  - DisplayPort
- Four USB 2.0 ports
- eSATA port
- Gigabit ethernet port
- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

ThinkPlus™,[22] 3-year LOR[24] 9x5 NBD	41C9176
ThinkPlus 4-year LOR 9x5 NBD	41C9177
ThinkPlus 5-year LOR 9x5 NBD	41C9179
ThinkPlus 4-year P&L P/U Depot	41C9178
ThinkPlus 5-year P&L P/U Depot	41C9180

Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
☞ US model announced June 2, 2009; previous models on August 12, 2008
✂ US model withdrawn effective September 2008

✣Intel Centrino® 2 processor technology
✣Intel Centrino 2 with vPro™ technology

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(NIC1-1) June 2009

ThinkPad® W700 2752

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8] rpm	RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Color calib	Digit-izer	Workhorse (W) Preload	Global (G) Avail date
2752-36U	T9600	2.80	*4GB*	17" WUXGA	Cam	1GB	2x250G 5400	1	DVD±RW	✣Intel 5300[28]	None	/54	Yes	X-Rite		Bus64	W Sep 08
2752-37U	T9600	2.80	*4GB*	17" WUXGA	Cam	1GB	2x250G 5400	1	DVD±RW	✣Intel 5300	None	/54	Yes	X-Rite		Bus64	W Sep 08
2752-38U	T9600	2.80	*4GB*	17" WUXGA	Cam	1GB	2x320G 5400	0	DVD±RW	✣Intel 5300	None	CF	Yes	X-Rite	Wacom	Bus64	Sep 08
2752-3NU	T9600	2.80	*4GB*	17" WUXGA	Cam	1GB	2x320G 5400	0	DVD±RW	✣Intel 5300	None	CF	Yes	X-Rite	Wacom	Bus64	Sep 08
✂ 2752-3YU	T9600	2.80	2GB	17" WXGA+	Cam	1GB	2x200G FDE	0	DVD±RW	✣Intel 5300	None	/54	Yes	X-Rite	Wacom	Bus32	W Sep 08
☞ 2752-MSU	Q9000	2.00	*3GB*	17" WUXGA	Cam	512MB	1x160G 7200		DVD±RW	✣Intel 5300	None	/54	Yes			Bus32	Jun 09
☞ 2752-MTU	Q9000	2.00	4GB	17" WUXGA	Cam	512MB	1x80G SSD		DVD±RW	✣Intel 5300	None	/54	Yes			Bus64	Jun 09

- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***
- ***Select models include digitizer on palm rest and dual-link DVI-D and DisplayPort ports***

Positioning	*Mobile workstation; three spindles*
Processor	**Intel® Core™ 2 processor Q9000** with **quad-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache or **Intel Core 2 Duo processor T9600** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache
Memory	**2GB**, **3GB** or **4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9149)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disk	*Some:* One disk, **80GB**[8] Solid State Drive (SSD) / SATA 3.0Gb/s, 1.8" wide, 8mm high *Some:* One disk, **160GB** (7200 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, Active Protection System™ *Some:* Two disks, **250GB** (5400 rpm), **320GB** (5400 rpm), or **200GB Full Disk Encryption [FDE]** (7200 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, Active Protection System™ *All:* removable, upgradable, supports three disks max, Shock Mounted Hard Drive
Widescreen display	*Some:* **17.0"** (431.8mm) **WXGA+ (1440x900) color**, anti-glare, CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio, 45% color gamut *Some:* **17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	*Some:* huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	*Some:* **NVIDIA® Quadro® FX2700M**, PCI Express® x16, **512MB** memory *Some:* **NVIDIA Quadro FX3700M**, PCI Express x16, **1GB** memory *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows/Appl keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	*Some:* Wacom® digitizer (128x80mm) on palm rest, digitizer pen, pen holder in right side
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	*Some:* [/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	*Some:* [CF] One Type I slot
Smart Card Read	None
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	None
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

4GB PC3-8500 DDR3 L-H SODIMM	55Y3708	W700 Series Li-Ion Battery 9-cell	45J7914
ThinkPad W700 Mini Dock	43R8782	ThinkPad 170W AC Adapter	41R4421
Other accessories on O-W700 sheet		Other accessories at lenovo.com/accessories	

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Business 32
- *Some:* Genuine Windows Vista Business 64

✧Vista Premium logo

Preloaded applications[14] (all OSes)
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)
- PC-Doctor™ (diagnostics)
- ThinkPad Utilities (Power Manager and Presentation Director)
- Adobe® Reader
- Windows Live™ Toolbar and Search
- Microsoft® Office 2007 Trial (60-day)
- Roxio® Creator® Business Edition
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW)
- huey™ PRO Monitor Color Correction by Pantone®/X-Rite® (color calibration models)

ISV software certifications

Supports ThinkVantage® technologies

ThinkPad W700 Mini Dock

Provides desktop expansion and cable management for W700 Series

Features:
- Security key lock
- Security cable lock slot
- External monitor ports
  - Analog VGA DB-15
  - Dual-link DVI-D
  - DisplayPort
- Four USB 2.0 ports
- eSATA port
- Gigabit ethernet port
- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

ThinkPlus™,[22] 3-year LOR[24] 9x5 NBD	41C9176
ThinkPlus 4-year LOR 9x5 NBD	41C9177
ThinkPlus 5-year LOR 9x5 NBD	41C9179
ThinkPlus 4-year P&L P/U Depot	41C9178
ThinkPlus 5-year P&L P/U Depot	41C9180

Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information ✣Intel Centrino 2 with vPro™ technology

☞ US models announced June 2, 2009; previous models on August 12, 2008

✂ US model withdrawn effective August 2009

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ThinkPad® W700 2752 (Extreme)

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8] rpm	RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Digit-izer	Workhorse (W) Preload	Global (G)	Avail date
2752-6SU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣ Intel 5300[28]		/54	Yes		Bus64	W G	Sep 08
2752-6TU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	1	DVD±RW	✣ Intel 5300		CF	Yes	Wacom	Bus64	W G	Sep 08
✂ 2752-3AU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x200G FDE	0	BD burner	✣ Intel 5300		/54	Yes	Wacom	Ult64		Sep 08
2752-6UU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣ Intel 5300		CF	Yes	Wacom	Bus64	W G	Sep 08
✂ 2752-3DU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x200G FDE	0	BD burner	✣ Intel 5300		CF	Yes	Wacom	Bus64		Sep 08
✂ 2752-5ZU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x200G FDE	0	DVD±RW	✣ Intel 5300		CF	Yes	Wacom	Bus64		Sep 08
2752-62U	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200		DVD±RW	✣ Intel 5300	2G Turbo	/54	Yes	Wacom	Bus64	W	Sep 08
✂ 2752-43U	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x200G FDE	0	BD burner	✣ Intel 5300		/54	Yes	Wacom	Ult64	W	Sep 08
2752-6ZU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200		DVD±RW	✣ Intel 5300		CF	Yes		XP Pro	G	Sep 08
2752-72U	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣ Intel 5300		CF	Yes	Wacom	XP Pro	G	Sep 08

- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***
- ***Select models include digitizer on palm rest and dual-link DVI-D and DisplayPort ports***

Positioning	*Mobile workstation; three spindles*
Processor	**Intel® Core™ 2 Extreme processor X9100** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache
Memory	**4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
SATA DVD±RW	*Some:* DVD burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9149)
SATA BD burner	*Some:* Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enh, removable (43R9150)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disk	Two disks, **160GB**[8] (7200 rpm) or **200GB Full Disk Encryption [FDE]** (7200 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 3rd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	**17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	**NVIDIA® Quadro® FX3700M**, PCI Express x16, **1GB** memory *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	*Some:* Wacom® digitizer (128x80mm) on palm rest, digitizer pen, pen holder in right side
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	*Some:* [/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	*Some:* [CF] One Type I slot
Smart Card Read	None
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	*Some:* Intel Turbo Memory, Mini PCIe adapter, 2GB flash, disk-cache accelerator
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business)
- *Some:* Genuine Windows Vista Business 64
- *Some:* Genuine Windows Vista Ultimate 64

✧ *Vista models:* Vista Premium logo

Preloaded applications[14] (all OSes, only some listed)
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)
- PC-Doctor™ (diagnostics)
- ThinkPad Utilities (Power Manager and Presentation Director)
- Adobe® Reader
- Roxio® Creator® Business Edition (DVD±RW)
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW, Blu-ray)
- huey™PRO Monitor Color Correction by Pantone®/X-Rite®

ISV software certifications

Supports ThinkVantage® technologies

ThinkPad W700 Mini Dock

Provides desktop expansion and cable management for W700 Series

Features:
- Security key lock
- Security cable lock slot
- External monitor ports
  - Analog VGA DB-15
  - Dual-link DVI-D
  - DisplayPort
- Four USB 2.0 ports
- eSATA port
- Gigabit ethernet port
- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12]

1GB PC3-8500 DDR3 L-H SODIMM	55Y3706
2GB PC3-8500 DDR3 L-H SODIMM	55Y3707
4GB PC3-8500 DDR3 L-H SODIMM	55Y3708
128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406
320GB Disk SATA 1.5Gb/s (7200 rpm)	43N3411
ThinkPad W700 Mini Dock	43R8782
Other accessories on O-W700 sheet	

W700 Series Li-Ion Battery 9-cell	45J7914
ThinkPad 170W AC Adapter	41R4421
ThinkPad 17W Business Topload Case	43R9117
ThinkVision® L1940p Wide 19" Monitor	4424HB6
ThinkVision L2240p Wide 22" Monitor	4422HB6
ThinkVision L2440p Wide 24" Monitor	4420HB2
Other accessories at lenovo.com/accessories	

ThinkPlus™,[22] 3-year LOR[24] 9x5 NBD 41C9176
ThinkPlus 4-year LOR 9x5 NBD 41C9177
Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
US models announced August 12, 2008
✂ US models withdrawn effective August 2009

✣ Intel Centrino® 2 processor technology

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(NIC1-3) August 2008

ThinkPad® W700 2752 (Quad-Core Extreme)

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8]	rpm	SATA RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Digit-izer	Workhorse (W) Global (G) Preload	Avail date
2752-3KU	QX9300	2.53	*4GB*	17" WUXGA	Cam	1GB	2x320G	5400	0	BD burner	✣ Intel 5300[28]	None	/54	Yes	Wacom	Bus64	No Sep 08

- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***
- ***Select models include digitizer on palm rest and dual-link DVI-D and DisplayPort ports***

Positioning	*Mobile workstation; three spindles*
Processor	**Intel® Core™ 2 Extreme processor QX9300** with **quad-core**, Intel HD boost, 1066MHz system bus, and 12MB L2 cache
Memory	**4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA BD burner	Blu-ray™ burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9150)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disk	Two disks, **320GB**[8] (5400 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 3rd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	**17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	**NVIDIA® Quadro® FX3700M**, PCI Express x16, **1GB** memory; *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows/Appl keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	Wacom® digitizer (128x80mm) on palm rest, digitizer pen, pen holder in right side
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	[/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	None
Smart Card Read	None
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	*Some:* Intel Turbo Memory, Mini PCIe adapter, 2GB flash, disk-cache accelerator
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

Preloaded operating system[20]
- Genuine Windows® Vista® Business 64

✧ Vista Premium logo

Preloaded applications[14]
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)
- PC-Doctor™ (diagnostics)
- ThinkPad Utilities (Power Manager and Presentation Director)
- Adobe® Reader
- Windows Live™ Toolbar and Search
- Microsoft® Office 2007 Trial (60-day)
- Corel® WinDVD® (Blu-ray)
- Ulead® DVD MovieFactory® (Blu-ray)
- huey™PRO Monitor Color Correction by Pantone®/X-Rite®

ISV software certifications

Supports ThinkVantage® technologies

ThinkPad W700 Mini Dock

Provides desktop expansion and cable management for W700 Series

Features:
- Security key lock
- Security cable lock slot
- External monitor ports
  - Analog VGA DB-15
  - Dual-link DVI-D
  - DisplayPort
- Four USB 2.0 ports
- eSATA port
- Gigabit ethernet port
- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12]

1GB PC3-8500 DDR3 L-H SODIMM	55Y3706
2GB PC3-8500 DDR3 L-H SODIMM	55Y3707
4GB PC3-8500 DDR3 L-H SODIMM	55Y3708
128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406
320GB Disk SATA 1.5Gb/s (7200 rpm)	43N3411
USB 2.0 Ultra Secure Memory Key 8GB	45J5918
ThinkPad W700 Mini Dock	43R8782
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008
Other accessories on O-W700 sheet	

W700 Series Li-Ion Battery 9-cell	45J7914
ThinkPad 170W AC Adapter	41R4421
ThinkPad 17W Business Topload Case	43R9117
ThinkVision® USB Soundbar (up to 22")	40Y7616
ThinkVision L1700p 17" Monitor	9417HE2
ThinkVision L1940p Wide 19" Monitor	4424HB6
ThinkVision L2240p Wide 22" Monitor	4422HB6
ThinkVision L2440p Wide 24" Monitor	4420HB2
Other accessories at lenovo.com/accessories	

ThinkPlus™,[22] 3-year LOR [24] 9x5 NBD	41C9176
ThinkPlus 4-year LOR 9x5 NBD	41C9177
ThinkPlus 5-year LOR 9x5 NBD	41C9179
ThinkPlus 4-year P&L P/U Depot	41C9178
ThinkPlus 5-year P&L P/U Depot	41C9180

Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

✣ Intel Centrino® 2 processor technology

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(NIC1-4) August 2008

ThinkPad® W700 2753 (Onsite)

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8] rpm	RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Digit-izer	Workhorse (W) Preload	Global (G), Ed GMP (P)	Avail date
2753-48U	T9400	2.53	1GB	17" WUXGA		512MB	2x160G 7200	0	Combo	✣Intel 5300[28]	None	/54	Yes		Bus32		Sep 08
2753-6SU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣Intel 5300	None	/54	Yes		Bus64	W G P	Sep 08
2753-6TU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	1	DVD±RW	✣Intel 5300	None	CF	Yes	Wacom	Bus64	W G P	Sep 08
2753-6UU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣Intel 5300	None	CF	Yes	Wacom	Bus64	W G P	Sep 08
2753-6ZU	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200		DVD±RW	✣Intel 5300	None	CF	Yes		XP Pro	G P	Sep 08
2753-72U	X9100	3.06	*4GB*	17" WUXGA	Cam	1GB	2x160G 7200	0	DVD±RW	✣Intel 5300	None	CF	Yes	Wacom	XP Pro	G P	Sep 08
☞ 2753-MNU	T9600	2.80	*4GB*	17" WUXGA	Cam	512MB	2x160G 7200		DVD±RW	✣Intel 5300	None	/54	Yes		Bus32	W Ed	Mar 09

- ***Some models are part of the Global Models Plus program with limited onsite service[24] 3-year limited warranty***
- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***

Processor	**Intel® Core™ 2 Duo processor T9400** or **T9600** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache or **Intel Core 2 Extreme processor X9100** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache
Memory	**1GB** or **4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA Combo	*Some:* DVD-ROM/CD-RW, SATA 1.5Gb/s, 12.7mm Ultrabay Enh, removable (43R9148)
SATA DVD±RW	*Some:* DVD burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9149)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disk	Two disks, **160GB**[8] (7200 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 3rd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	**17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	*Some:* camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	*Some:* **NVIDIA® Quadro® FX2700M**, PCI Express® x16, **512MB** memory *Some:* **NVIDIA Quadro FX3700M**, PCI Express x16, **1GB** memory *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	*Some:* Wacom® digitizer (128x80mm) on palm rest, digitizer pen, pen holder in right side
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	*Some:* [/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	*Some:* [CF] One Type I slot
Smart Card Read	None
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	None
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-years**/1-year battery, **limited onsite service**[24], 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business)
- *Some:* Genuine Windows Vista Business 32
- *Some:* Genuine Windows Vista Business 64

✧ *Vista models:* Vista Premium logo

Preloaded applications[14] (all OSes, only some listed)
- *MNU model:* Education software
  - Microsoft® Office Ultimate 2007 Academic Edition (and CD)
  - Adobe Digital School Collection
    - Instructor Resources (and DVD)
    - Learning Creative Suite 4 (DVD)
    - Photoshop Elements 7 (DVD)
    - Premiere Elements 7 (and DVD)
    - Acrobat 9 Professional (DVD)
    - Contribute CS4 (and DVD)
    - Soundbooth CS4 (and DVD)
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- ThinkPad Utilities (Power Manager and Presentation Director)
- Roxio® Creator® Business Edition
- huey™PRO Monitor Color Correction by Pantone®/X-Rite®

ISV software certifications

Supports ThinkVantage® technologies

ThinkPad W700 Mini Dock

Provides desktop expansion and cable management for W700 Series

Features:
- Security key lock
- Security cable lock slot
- External monitor ports
  - Analog VGA DB-15
  - Dual-link DVI-D
  - DisplayPort
- Four USB 2.0 ports
- eSATA port
- Gigabit ethernet port
- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

1GB PC3-8500 DDR3 L-H SODIMM	55Y3706
2GB PC3-8500 DDR3 L-H SODIMM	55Y3707
4GB PC3-8500 DDR3 L-H SODIMM	55Y3708
128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406
320GB Disk SATA 1.5Gb/s (7200 rpm)	43N3411
ThinkPad W700 Mini Dock	43R8782
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008
Other accessories on O-W700 sheet	

W700 Series Li-Ion Battery 9-cell	45J7914
ThinkPad 170W AC Adapter	41R4421
ThinkPad 17W Business Topload Case	43R9117
ThinkVision® L1700p 17" Monitor	9417HE2
ThinkVision L1940p Wide 19" Monitor	4424HB6
ThinkVision L2240p Wide 22" Monitor	4422HB6
ThinkVision L2440x Wide 24" Monitor	4421HB2
Other accessories at lenovo.com/accessories	

ThinkPlus™, [22] 4-year LOR[24] 9x5 NBD 12X5630

Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
☞ US model announced March 24, 2009; previous models on August 12, 2008

✣ Intel Centrino® 2 processor technology
✤ Intel Centrino 2 with vPro™ technology

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ThinkPad® W700 2752 - Education

Personal Systems Reference (PSREF)

Type-model	Proc-essor	GHz	Memory	Wide-screen display	Cam-era	Discrete graphics memory	Disk(s) SATA GB[8] rpm	RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card slot	Blue/ Fing	Digit-izer	Workhorse (W) Preload	Global (G)	Avail date
2752-MNUT9600		2.80	*4GB*	17" WUXGA	Cam	512MB	2x160G 7200	None	DVD±RW	✣Intel 5300[28]	None	/54	Yes		Bus32	W	Mar 09

- ***First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks***
- ***This model has an EasyServ™,[19] depot repair service 3-year limited warranty***
- Educational models are available only to public or private K-12 or higher accredited schools organized and operated exclusively for educational purposes for use by qualified students and teachers.
- Microsoft® Office Ultimate 2007 Academic Edition: Only valid for sale to students, faculty and staff of accredited educational institutions in the United States.

Positioning	*Mobile workstation; three spindles*
Processor	**Intel® Core™ 2 Duo processor T9600** with **dual-core**, Intel HD boost, 1066MHz system bus, and 6MB L2 cache
Memory	**4GB** std / 8GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available;
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9149)
Ultrabay Enhancd	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high
SATA disk	Two disks, **160GB**[8] (7200 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 3rd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	**17.0"** (431.8mm) **WUXGA (1920x1200) color**, anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut
Color calibration	huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Discrete graphics	**NVIDIA® Quadro® FX2700M**, PCI Express® x16, **512MB** memory *Max external resolution:* 2048x1536@85Hz (VGA DB-15 port); 2048x1536 (DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows/Appl keys
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label
Numeric keypad	10-key numeric keypad on right side of keyboard
Digitizer	None
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions
Dimensions[3]	*9-cell 17W" (WxDxH):* 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm
Weight[2]	*9-cell:* starting at 8.4 lb (3.8kg)
Case material	*Top:* magnesium alloy; *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **9-cell**
Battery - life[10]	*9-cell:* up to 2.3 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus
ExpressCard/34	One ExpressCard/34
ExpressCard/54	[/54] One ExpressCard/34 or ExpressCard/54
Compact Flash	None
Smart Card Read	None
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
Ports	Five USB 2.0, external monitor[11] (VGA DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	Three Mini PCI Express slots
Intel 5300[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
2G Turbo	None
UWB	None (uses Half-Mini PCIe slot)
Modem	56K V.92[6] modem in Communications Daughter Card socket
Bluetooth™	Bluetooth 2.0 wireless, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, Conexant CX20561 codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

Preloaded operating system[20]
- Genuine Windows® Vista® Business 32

✧Vista Premium logo

Preloaded applications[14] (only some listed
- Education software
  - Microsoft® Office OneNote® 2007 (and CD)
  - Adobe Digital School Collection
    - Instructor Resources (and DVD)
    - Learning Creative Suite 4 (DVD)
    - Photoshop Elements 7 (DVD)
    - Premiere Elements 7 (and DVD)
    - Acrobat 9 Professional (DVD)
    - Contribute CS4 (and DVD)
    - Soundbooth CS4 (and DVD)
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software
- Microsoft Office 2007 Trial (60-day)
- huey™PRO Monitor Color Correction by Pantone®/X-Rite®

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- eSATA port
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- Microphone in and headphone out
- S/PDIF (RCA coaxial digital out)
- Requires 170 watt AC adapter

170-watt AC adapter
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12]

1GB PC3-8500 DDR3 L-H SODIMM	55Y3706
2GB PC3-8500 DDR3 L-H SODIMM	55Y3707
4GB PC3-8500 DDR3 L-H SODIMM	55Y3708
128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406
320GB Disk SATA 1.5Gb/s (7200 rpm)	43N3411
USB 2.0 Ultra Secure Memory Key 8GB	45J5918
ThinkPad W700 Mini Dock	43R8782
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008
Other accessories on O-W700 sheet	

W700 Series Li-Ion Battery 9-cell	45J7914
ThinkPad 170W AC Adapter	41R4421
ThinkPad 17W Business Topload Case	43R9117
ThinkVision® USB Soundbar (up to 22")	40Y7616
ThinkVision L1700p 17" Monitor	9417HE2
ThinkVision L1940p Wide 19" Monitor	4424HB6
ThinkVision L2240p Wide 22" Monitor	4422HB6
ThinkVision L2440x Wide 24" Monitor	4421HB2
Other accessories at lenovo.com/accessories	

ThinkPlus™,[22] 3-year LOR[24] 9x5 NBD	41C9176
ThinkPlus 4-year LOR 9x5 NBD	41C9177
ThinkPlus 5-year LOR 9x5 NBD	41C9179
ThinkPlus 4-year P&L P/U Depot	41C9178
ThinkPlus 5-year P&L P/U Depot	41C9180

Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
US model announced March 24, 2009

✣Intel Centrino 2 with vPro™ technology

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ThinkPad® W700, W700ds Accessories

Memory

1GB PC3-8500 DDR3 SODIMM	43R1987	*ann 08/05/08*
1GB PC3-8500 DDR3 SODIMM (25-Pack)	51J0551	*ann 03/17/09*
2GB PC3-8500 DDR3 SODIMM	43R1988	*ann 08/05/08*
2GB PC3-8500 DDR3 SODIMM (25-Pack)	51J0552	*ann 03/17/09*
4GB PC3-8500 DDR3 SODIMM	51J0493	*ann 03/03/09*
1GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3706	*ann 06/23/09*
1GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4385	*ann 06/23/09*
2GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3707	*ann 06/23/09*
2GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4386	*ann 06/23/09*
4GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3708	*ann 06/23/09*

Ultrabay Slim 9.5mm

Serial ATA Hard Drive Bay Adapter III[48]	43N3412	*ann 06/23/09*
DVD-ROM Ultrabay Slim SATA 1.5Gb/s	43N3212	*ann 08/05/08*
CD-RW/DVD-ROM Ultrabay Slim SATA[48]	43N3213	*ann 08/05/08*
DVD Burner Ultrabay Slim SATA 1.5Gb/s[48]	43N3214	*ann 08/05/08*
Blu-ray™ Burner Ultrabay Slim SATA 1.5Gb/s[48]	43N3215	*ann 08/05/08*

[48] Slim 9.5mm device in 12.7mm bay shows gap above the device.

Ultrabay Enhanced 12.7mm

DVD-ROM Ultrabay Enhanced SATA 1.5Gb/s	43R9147	*ann 08/05/08*
CD-RW/DVD-ROM Ultrabay Enh SATA	43R9148	*ann 08/05/08*
DVD Burner Ultrabay Enh SATA 1.5Gb/s	43R9149	*ann 08/05/08*
Blu-ray™ Burner Ultrabay Enh SATA 1.5Gb/s	43R9150	*ann 08/05/08*

Storage and removable storage

160GB Disk SATA 1.5Gb/s (5400 rpm)[41]	41N5692	*ann 03/20/07*
160GB Disk SATA 1.5Gb/s (7200 rpm)[41]	41N5737	*ann 10/16/07*
250GB Disk SATA 1.5Gb/s (5400 rpm)[41]	43R8152	*ann 01/15/08*
250GB Disk FDE SATA 1.5Gb/s (7200 rpm)[41]	43N3410	*ann 01/20/09*
320GB Disk SATA 1.5Gb/s (5400 rpm)[41]	43N3403	*ann 08/05/08*
320GB Disk SATA 1.5Gb/s (7200 rpm)[41]	43N3411	*ann 01/20/09*
500GB Disk SATA 1.5Gb/s (5400 rpm)[41]	43N3420	*ann 06/23/09*

[41] Can be used as the main HDD or with *Serial ATA Hard Drive Bay Adapter III 43N3412* in the Ultrabay

128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406	*ann 08/26/08*
256GB FDE SSD SATA 3Gb/s 1.8"(2.5" cover)	43N3417	*ann 06/23/09*
USB 2.0 Essential Memory Key 2GB	41U4944	*ann 01/23/07*
USB 2.0 Essential Memory Key 4GB	45J7904	*ann 06/24/08*
USB 2.0 Essential Memory Key 8GB	45J7905	*ann 07/15/08*
USB 2.0 Essential Memory Key 32GB	45K1258	*ann 10/28/08*
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	*ann 08/26/08*
USB Portable Diskette Drive	05K9276	*ann 06/05/00*
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	*ann 01/05/06*
USB 2.0 Portable 160GB Hard Disk	43R1784	*ann 09/23/08*
USB 2.0 Portable 320GB Hard Disk	45K1689	*ann 03/17/09*
USB 2.0 Portable 500GB Hard Disk	45K1690	*ann 05/26/09*
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	*ann 11/18/08*
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	*ann 11/18/08*
USB 2.0 Super Multi-Burner Drive	41N5565	*ann 01/23/07*

ThinkPad Expansion

USB Port Replicator with Digital Video	45K1610	*ann 07/28/09*
ThinkPad W700 Mini Dock	43R8782	*ann 08/12/08*

More information at **www.lenovo.com/support/W700minidock**

Keyboard

TrackPoint Cap Collection	73P2698	*ann 12/16/03*
USB Numeric Keypad	33L3225	*ann 05/01/00*
Preferred Pro USB Keyboard	73P5220	*ann 06/21/05*
Enhanced Performance USB Keyboard	73P2620	*ann 03/23/04*
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	*ann 12/07/04*
USB Keyboard with TrackPoint	55Y9003	*ann 08/18/09*
USB Keyboard with UltraNav	31P8950	*ann 01/28/03*
USB Travel Keyboard with UltraNav	31P9490	*ann 04/27/04*
Lenovo® USB Fingerprint Keyboard	73P4730	*ann 02/22/05*
Lenovo USB Smartcard Keyboard	51J0155	*ann 03/24/09*

Mouse

Lenovo Mini Optical Mouse - Black (USB)	55Y9308	*ann 05/19/09*
Lenovo Mini Optical Mouse - White (USB)	55Y9309	*ann 05/19/09*
Optical Wheel Mouse (USB)	06P4069	*ann 05/21/03*
Optical ScrollPoint® Mouse (USB, PS/2)	31P7405	*ann 08/27/02*
Optical Wheel Travel Mouse (USB, PS/2)	31P7410	*ann 06/04/02*
Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	*ann 01/23/07*
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008	*ann 01/22/08*

Security

Kensington® Cable Lock from Lenovo	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
USB Gemplus GemPC Smart Card Reader	41N3040	*ann 02/21/06*
ExpressCard Gemplus Smart Card Reader	41N3043	*ann 06/27/06*

Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	*ann 06/27/06*
USB 2.0 Lenovo Webcam	40Y8519	*ann 08/29/06*

Batteries

W700 Series Li-Ion Battery 9-cell	45J7914	*ann 08/12/08*
ThinkPad 170W AC Adapter	41R4421	*ann 08/12/08*

More information at **www.lenovo.com/alldaycomputing**

Carrying Cases

Up to 17.0" widescreen models:

ThinkPad 17W Business Topload Case	43R9117	*ann 08/12/08*

Monitors

ThinkVision® L1900p 19" Monitor	4431HE1	*ann 11/11/08*
ThinkVision L1940p Wide 19" Monitor	4424HB6	*ann 09/17/08*
ThinkVision L2240p Wide 22" Monitor	4422HB6	*ann 09/17/08*
ThinkVision L2440p Wide 24" Monitor	4420HB2	*ann 09/17/08*
ThinkVision L2440x Wide 24" Monitor	4421HB2	*ann 09/17/08*

Monitor Accessories[46]

Lenovo USB-to-DVI Monitor Adapter	45K5296	*ann 05/12/09*
ThinkVision USB Soundbar	40Y7616	*ann 08/23/05*
ThinkVision Soundbar	45K1263	*ann 09/16/08*
Kensington Cable Lock from Lenovo	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
Radial Arm	19K4464	*ann 05/05/00*

[46] Compatible on selected Lenovo and ThinkVision monitors.

More information at **www.lenovo.com/support/monitoraccessories**

For more information on ThinkPad accessories, please visit:
www.lenovo.com/support/accessories
www.lenovo.com/support/notebookaccessories
www.lenovo.com/support/security

Other accessories at **www.lenovo.com/accessories**
Accessories Guide pdf at **www.lenovo.com/accessoriesguide**

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